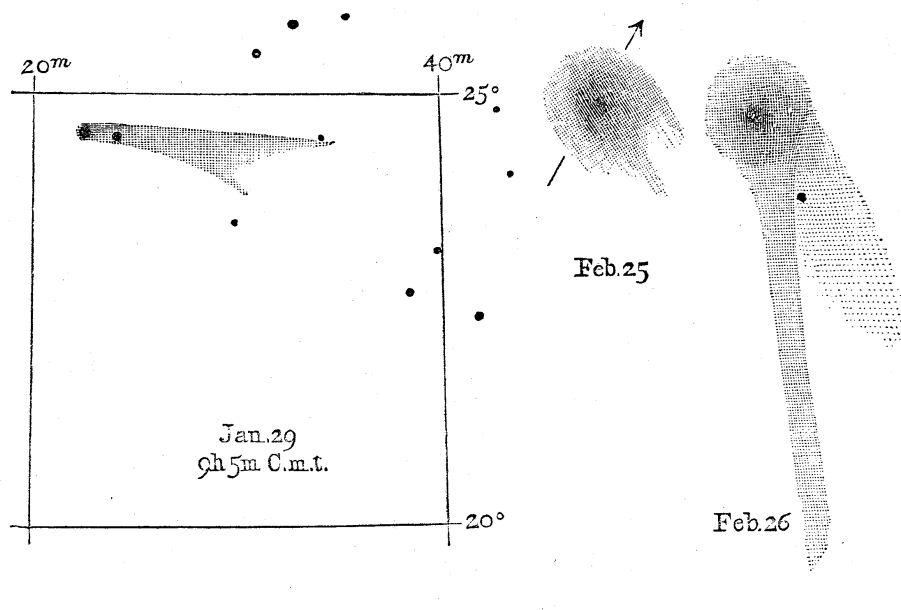


- Feb. 26. Position angle of tail = 114° . Traces of another very faint tail could just be seen at position angle $153^\circ \pm$ (see figure).
29. Definition poor, looking through vapour on the mountain. Comet a difficult object to bisect.
- Mar. 2. Occasional glimpses of a star-like nucleus: the point observed was in following part of head (where the nucleus was seen).
21. Head bright, but ill-defined, surrounded by nebulous mass. Still faint trace of very short tail.
- Apr. 13. An 11th magnitude star near the Comet very troublesome. The Comet was almost centrally over this star earlier in the evening, and the star then was brighter than when the Comet had passed away from it. The moonlight was, however, increasing rapidly towards the end of the measures.
21. Exceedingly faint.



Observations of Comet 1884 II. (Barnard), made at the Royal Observatory, Cape of Good Hope.

(Communicated by David Gill, LL.D., F.R.S., H.M. Astronomer.)

The following observations are in continuation of those given in vol. xlv. 1 :—

Date.	Cape Mean Time.	Comet—Star. $\Delta\alpha$	Δ N.P.D.	No. of Comp.	Obser- ver.	Comparison Star.
Oct. 14	9 53 42.7	—0 6.41	+4 38.1	32.16	F	$r = \text{AOe}_2 21151.$
15	9 45 49.0	—0 4.28	—2 33.9	24.16	F	s
16	11 1 50.6	—0 17.32	—2 37.0	16.12	F	t
17	9 56 51.5	+0 35.86	+3 42.1	24.16	F	v
20	10 33 4.0	—0 1.70	—1 31.2	16.8	F	w
24	10 26 26.6	—0 30.77	+0 49.1	6.14	F	x

Adopted Right Ascensions and North Polar Distances of Stars observed with the Comet.

Star.	Mag.	R.A. 1884 ^o .			N.P.D. 1884 ^o .			Reduct. to App. Place.	Authority for Star's Mean Place.
		^h	^m	^s	^o	[']	["]	^s	
<i>r</i>	8	21	2	16.77	109	11	40.2	+3.25 -19.6	3 Obs. Cape, 1884.
<i>s</i>	9	21	5	15.53	108	57	25.9	+3.24 -19.7	Equat. diff. from <i>s'</i> .
<i>s'</i>	8½	21	3	49.83	108	55	44.3	+3.24 -19.7	2 Obs. Cape (= AOe ₂ 21180).
<i>t</i>	8½	21	8	37.75	108	34	59.4	+3.23 -19.9	4 Obs. Cape, 1884.
<i>v</i>	10	21	10	35.30	108	8	16.6	+3.22 -20.0	Equat. diff. from <i>v'</i>
<i>v'</i>	9	21	13	16.30	108	7	26.8	+3.23 -20.1	3 Obs. Cape, 1884.
<i>w</i>	8½	21	20	1.46	107	9	40.1	+3.20 -20.5	2 „ „
<i>x</i>	9½	21	31	49.03	105	44	28.4	+3.17 -21.0	Equat. diff. from <i>x'</i> .
<i>x'</i>	8	21	36	22.20	105	51	41.8	+3.19 -21.0	2 Obs. Cape, 1884.

Resulting Places of the Comet.

Date.	Cape Mean Time.			Right Ascension.	Log. par. factor.	North Polar Distance.	Log. par. factor.
	^h	^m	^s	^h	^m	^s	
Oct. 14	9	53	42.7	21	2	13.61	8.545
15	9	45	49.0	21	5	14.49	8.526
16	11	1	50.6	21	8	23.66	8.676
17	9	56	51.5	21	11	14.38	8.556
20	10	33	4.0	21	20	2.96	8.618
24	10	26	26.6	21	31	21.43	8.627

Notes.

- Oct. 15. Comet faint ; difficult in R.A.
 16. Comet *very* faint.
 20, 24. Comet excessively faint.

Errata, Monthly Notices, vol. xlv. 1.

- Page 46. In Δα for Sept. 21, for -0 16.20 read -0 16.70.
 49. Aug. 14. For Cape Mean Time read 9^h 48^m 55^s.4.
 49. Sept. 21. For R.A. read 19^h 43^m 24^s.52.